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Paper No.: _____

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Inventor(s): ROBAR, James; MARTIN, Monty A.; RICCIO, Silvia A.
Title: TUMOR DOSE ENHANCEMENT USING MODIFIED PHOTON BEAMS
AND CONTRAST MEDIA
Serial No.: 10/621575
Filed: 18 July 2003

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Commissioner for Patents
P.O. Box 1450
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**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE STATEMENT
[Form PTO-1449 (Modified)]**

United States Patent Documents

OK

| Examiner | ID | Patent No. | Issue Date | Inventor(s) | Class | Sub-CI | Filing Date |
|----------|-------|------------|------------------|-------------|-------|--------|------------------|
| Casler | US: 1 | 6125295 | Sep. 26, 2000 | Cash et al. | 600 | 431 | Aug. 27, 1998 |
| | US: 2 | | | | | | |
| | US: 3 | | | | | | |

Other Art

| Examiner | ID | Author, Title, Date, Pertinent Pages, etc. |
|----------|-------|---|
| OK | OA: 1 | Iwamoto et al. <i>Radiation dose enhancement therapy with iodine in rabbit VX-2 brain tumors</i> Radiother, Oncol, 8, 161 - 170 (1987) |
| OK | OA: 2 | Mello R S et al. <i>Radiation dose enhancement in tumors with iodine</i> Med. Phys. 10 75-8 (1983) |
| OK | OA: 3 | Norman A, et al. <i>Iodinated contrast agents for brain tumor localization and radiation dose enhancement</i> Invest. Radiol. 26 S120-21 (1991) |

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| <input checked="" type="checkbox"/> | OA: 4 | Rose J H et al. <i>First experience with radiation therapy of small brain tumors delivered by a computerized tomography scanner</i> Int. J. Radiat. Oncol. Biol. Phys. 30 24-5 (1994) |
| <input type="checkbox"/> | OA: 5 | Mesa et al. <i>Dose distributions using kilovoltage x-ray and dose enhancement from iodine contrast agents</i> Phys. Med. Biol. 44 1955-68 (1999) |
| <input type="checkbox"/> | OA: 6 | Norman et al. <i>X-ray phototherapy for solid tumors</i> Acad. Radiol. 5 S177-9 (1998). |
| <input type="checkbox"/> | OA: 7 | Sixel and Faddegon <i>Calculation of x-ray spectra for radiosurgical beams</i> Med. phys. 22 1657-61 (1995) |
| <input type="checkbox"/> | OA: 8 | Robar and Clark, <i>The use of radiographic film for linear accelerator stereotactic radiosurgical dosimetry</i> , Med. Phys. 26, 2144-55 (1999) |
| <input type="checkbox"/> | OA: 9 | Mohan et al. <i>Energy and angular distributions of photons from medical linear accelerators</i> , Med. Phys. 12, 592-7 (1985) |
| <input type="checkbox"/> | QA: 10 | Nelson WR, et al. <i>The EGS4 code system Report SLAC-265</i> Stanford, CA |
| <input type="checkbox"/> | QA: 11 | O'Brien et al. <i>Radiosurgery with unflattened 6-MV photon beams</i> Med. Phys. 18 519-21 (1991) |
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Examiner: *Sans KL*

Date Considered: 9/12/06

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